

Scavenger Hunt

1. Name at least 4 Berkeley Lab Nobel Laureates.

- 1.
- 2.
- 3.
- 4.

2. List 7 of the elements that were designed at Berkeley.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

3. What is the name of the machine that was used to for discovering element 106?

4. Name three things that are sealed inside the 2006 Time Capsule.

- 1.
- 2.
- 3.

5. What is the name of the “atom smasher” used in the Berkeley Lab in 1954?

6. Who is Ernest Orlando Lawrence?

7. Who made the clay model of Ernest O. Lawrence’s head?

8. What machine uses high velocity rotations to separate submicroscopic particles?

9. "TPC is a barrel-shaped detector so-named because it identifies particles on the basis of the time it takes their signal to move through gas." What does TPC stand for?

10. Who discovered atomic element 94 and what did he name it?

11. What are some of nature's most fundamental mysteries?

12. Berkeley Lab is the birth place of what kind of medicine?

13. Who is John H. Lawrence?

14. What does COBE stand for?

15. "STAR was designed to detect charged particles produced in relativistic heavy ion interactions." What does STAR stand for?

16. Where is the best place to view all four major bridges? List them.